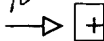


Please type a plus sign (+) inside this box



PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 3373.1

First Inventor Hubbell

Title Methods for Selecting Nucleic Acid Probes

Express Mail Label No. EL675506667US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 45]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 30]
5. Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement of Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ /

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

22886

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Wei Zhou

Registration No. (Attorney/Agent)

44,419

Signature

Date

December 21, 2000

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FEE TRANSMITTAL  
for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 876

## Complete if Known

|                      |                   |
|----------------------|-------------------|
| Application Number   |                   |
| Filing Date          | November 21, 2000 |
| First Named Inventor | Hubbell           |
| Examiner Name        |                   |
| Group / Art Unit     |                   |
| Attorney Docket No.  | 3373.1            |

## METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

01-0431

Deposit  
Account  
Name

Affymetrix, Inc.

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17
- 
- ☐
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☒ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101                  | 710                   | 201                  | 355                   | Utility filing fee     | 710      |
| 106                  | 320                   | 206                  | 160                   | Design filing fee      |          |
| 107                  | 490                   | 207                  | 245                   | Plant filing fee       |          |
| 108                  | 710                   | 208                  | 355                   | Reissue filing fee     |          |
| 114                  | 150                   | 214                  | 75                    | Provisional filing fee |          |

SUBTOTAL (1)

(\$ 710)

## 2. EXTRA CLAIM FEES

|                                      | Extra<br>Claims | Fee from<br>below | Fee<br>Paid |
|--------------------------------------|-----------------|-------------------|-------------|
| Total Claims 27 -20** = 7 X 18 = 126 | 7               | 18                | 126         |
| Independent Claims 3 -3** = 0 X = 0  | 0               |                   | 0           |
| Multiple Dependent X = 0             |                 |                   | 0           |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 103                  | 18                    | 203                  | 9                     | Claims in excess of 20                                     |
| 102                  | 80                    | 202                  | 40                    | Independent claims in excess of 3                          |
| 104                  | 270                   | 204                  | 135                   | Multiple dependent claim, if not paid                      |
| 109                  | 80                    | 209                  | 40                    | ** Reissue independent claims over original patent         |
| 110                  | 18                    | 210                  | 9                     | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 126)

## FEE CALCULATION (continued)

| Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description  | Fee<br>Paid |
|-------------|--------------------------------|-------------|--------------------------------|--|-------------|
| 105         | 130                            | 205         | 65                             | Surcharge - late filing fee or oath  |             |
| 127         | 50                             | 227         | 25                             | Surcharge - late provisional filing fee or cover sheet                     |             |
| 139         | 130                            | 139         | 130                            | Non-English specification  |             |
| 147         | 2,520                          | 147         | 2,520                          | For filing a request for reexamination                                     |             |
| 112         | 920*                           | 112         | 920*                           | Requesting publication of SIR prior to Examiner action                     |             |
| 113         | 1,840*                         | 113         | 1,840*                         | Requesting publication of SIR after Examiner action                        |             |
| 115         | 110                            | 215         | 55                             | Extension for reply within first month                                     |             |
| 116         | 390                            | 216         | 195                            | Extension for reply within second month                                    |             |
| 117         | 890                            | 217         | 445                            | Extension for reply within third month                                     |             |
| 118         | 1,390                          | 218         | 695                            | Extension for reply within fourth month                                    |             |
| 128         | 1,890                          | 228         | 945                            | Extension for reply within fifth month                                     |             |
| 119         | 310                            | 219         | 155                            | Notice of Appeal   |             |
| 120         | 310                            | 220         | 155                            | Filing a brief in support of an appeal                                     |             |
| 121         | 270                            | 221         | 135                            | Request for oral hearing   |             |
| 138         | 1,510                          | 138         | 1,510                          | Petition to institute a public use proceeding                              |             |
| 140         | 110                            | 240         | 55                             | Petition to revive - unavoidable   |             |
| 141         | 1,240                          | 241         | 620                            | Petition to revive - unintentional   |             |
| 142         | 1,240                          | 242         | 620                            | Utility issue fee (or reissue)   |             |
| 143         | 440                            | 243         | 220                            | Design issue fee   |             |
| 144         | 600                            | 244         | 300                            | Plant issue fee  |             |
| 122         | 130                            | 122         | 130                            | Petitions to the Commissioner  |             |
| 123         | 130                            | 123         | 130                            | Petitions related to provisional applications                              |             |
| 126         | 180                            | 126         | 180                            | Submission of Information Disclosure Stmt                                  |             |
| 581         | 40                             | 581         | 40                             | Recording each patent assignment per property (times number of properties) | 40          |
| 146         | 710                            | 246         | 355                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |             |
| 149         | 710                            | 249         | 355                            | For each additional invention to be examined (37 CFR § 1.129(b))           |             |
| 179         | 710                            | 279         | 355                            | Request for Continued Examination (RCE)                                    |             |
| 169         | 900                            | 169         | 900                            | Request for expedited examination of a design application                  |             |

Other fee (specify)


\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                  |               |           |              |
|-------------------|---|----------------------------------|---------------|-----------|--------------|
| Name (Print/Type) | Wei Zhou  | Registration No. Attorney/Agent) | 44,419        | Telephone | 408-731-5000 |
| Signature         |  | Date                             | Dec. 21, 2000 |           |              |

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